

Cover Illustration

The Society wishes to express its sincere appreciation to Artist Erick Hans Krause for his original conception of *Franklinia alataamaha* appearing on the cover of this issue. The original gouache casein from which these plates were made measured 22 by 26 inches with the *Franklinia* flower centered in its natural habitat. The Society regrets that it was impossible to reproduce the entire painting because of lack of space for its proper reduction.

Index To Volume 34

Illustrations are indicated in italics

- | | | | | | |
|--|----------|--|--------------------|--|----------|
| A new upright <i>Carpinus caroliniana</i> | 111 | Bate, Alfred:
The gentle art of weeding..... | 193 | <i>Calochortus albus</i> | 271 |
| <i>Abronia latifolia</i> | 90 | <i>Begonia semperflorens</i> | 238 | <i>amabilis</i> | 266, 268 |
| <i>Acacia farnesiana</i> | 112 | <i>Berzelia linguinosa</i> | 179 | <i>amoenus</i> | 268, 270 |
| <i>Actinidia arguta</i> | 142 | | <i>f123</i> | <i>benthami</i> | 268, 275 |
| <i>chinensis</i> | 143 | Bisset, David A. and W. H. Hodge:
Running bamboos for hedges..... | 123 | <i>catalinae</i> | 268, 278 |
| Adder's Tongue..... | 284 | Blasdale, Walter C.:
Some Chilean species of <i>Oxalis</i> | 128 | <i>greenei</i> | 268 |
| <i>Adenostoma fasciculatum</i> | 210 | <i>Blueberry</i> | 139 | <i>gunnisonii</i> | 269, 284 |
| <i>sparsifolium</i> | 210 | Books reviewed..... | 101-106
168-172 | <i>howellii</i> | 268, 276 |
| <i>Aesculus californica</i> 205, 208 | | Bottlebrushes like wet feet..... | 77 | <i>lilacinus</i> | 268 |
| <i>Ajuga</i> | 214 | <i>Bryophyllum</i> | 223 | <i>luteus</i> | 279 |
| <i>Allium cernuum</i> | 89 | Buffalo berry..... | 145 | <i>citrinus</i> | 268, 277 |
| <i>Amaryllis</i> , Growing in the South..... | 180 | Bugle..... | 214 | <i>macrocarpus</i> | 269 |
| <i>Amelanchier alnifolia</i> | 143 | Bulbs, Corms, and Tubers, Standards for..... | 173 | <i>maweanus major</i> | 268, 273 |
| var. 'Success'..... | 143 | Californian flowering shrubs, some..... | 202 | <i>roseus</i> | 268, 274 |
| <i>canadensis</i> | 89 | <i>Callistemon amoenus</i> | 80 | <i>nitidus</i> | 269, 282 |
| <i>florida</i> | 89 | <i>brachyanrus</i> | 77 | <i>plummerae</i> | 269 |
| <i>Anapodophyllum</i> | 154 | <i>citrinus</i> | <i>f63, 77, 80</i> | <i>pulchellus</i> | 268, 272 |
| <i>Anemone oregana</i> | 88 | <i>splendens</i> | 81 | <i>purpurascens</i> | 269 |
| <i>quinquefolia</i> | 88 | <i>hortensis</i> | 80 | <i>venustus</i> | 269 |
| <i>Arctostaphylos uva-ursi</i> | 89 | <i>laevis</i> | 81 | <i>rosy lilac form</i> | 281 |
| <i>Argemone platyceras</i> | 203 | <i>lilacinus</i> | 80 | <i>white form</i> | 280 |
| <i>Arisaema triphyllum</i> 157, 157 | | <i>carmina</i> | 80 | Carleton, R. Milton:
Seed germination..... | 83 |
| <i>Armeria maritima</i> | 90 | <i>linearis</i> | 80 | <i>Carpenteria californica</i> | 203 |
| <i>Aruncus sylvestris</i> | | <i>paludosus</i> | 82 | <i>Carpinus caroliniana</i> | |
| var. <i>acuminatus</i> | 89 | <i>phoenicis</i> | 77 | var. <i>ascendens</i> | 111 |
| <i>Asarum</i> | 214 | <i>pinifolius</i> | 78 | <i>Castanopsis</i> | |
| <i>caudatum</i> | 89 | <i>viridis</i> | 78 | <i>sempervirens</i> | 208 |
| <i>Asimina trilobata</i> | 141 | <i>rigidus</i> | 82, 82 | <i>chrysophylla</i> var. <i>minor</i> | 207 |
| <i>Atriplex canescens</i> 207, 210 | | <i>rugulosus</i> | 81, 82 | <i>Castilleja angustifolia</i> | 89 |
| <i>Avalanche lily</i> | 284 | <i>salignus</i> | 78, 79 | <i>dixonii</i> | 90 |
| <i>Azalea "Emperor"</i> | 179 | <i>speciosus</i> | 78, 82 | <i>Centaureum</i> | 213 |
| <i>Azaleas, native</i> | 116, 117 | <i>viminalis</i> | 80, 82 | <i>Cerastium arvense</i> | 89 |
| | | <i>violacea</i> | 80 | <i>Cerdana alliadora</i> | 160 |
| Bailey, L. H.:
The joy of growing plants..... | 191 | | | Certificate, Membership..... | 166, 167 |
| Bamboos for hedges, running..... | 123 | | | Chadwick, L. C.:
Fundamentals of pruning..... | 107 |
| <i>Bambusa multiplex</i> | 123 | | | Chaenomeles lagenaria..... | 149 |
| | | | | Charming, but forgotten plants:
Clematis..... | 163 |
| | | | | Duchesnia..... | 66 |
| | | | | Chemise lily..... | 284 |

Cover Illustration

The Society wishes to express its sincere appreciation to Artist Erick Hans Krause for his original conception of *Franklinia alataamaha* appearing on the cover of this issue. The original gouache casein from which these plates were made measured 22 by 26 inches with the *Franklinia* flower centered in its natural habitat. The Society regrets that it was impossible to reproduce the entire painting because of lack of space for its proper reduction.

Index To Volume 34

Illustrations are indicated in italics

- | | | | | | |
|--|----------|--|--------------------|--|----------|
| A new upright <i>Carpinus caroliniana</i> | 111 | Bate, Alfred:
The gentle art of weeding..... | 193 | <i>Calochortus albus</i> | 271 |
| <i>Abronia latifolia</i> | 90 | <i>Begonia semperflorens</i> | 238 | <i>amabilis</i> | 266, 268 |
| <i>Acacia farnesiana</i> | 112 | <i>Berzelia linguinosa</i> | 179 | <i>amoenus</i> | 268, 270 |
| <i>Actinidia arguta</i> | 142 | | <i>f123</i> | <i>benthami</i> | 268, 275 |
| <i>chinensis</i> | 143 | Bisset, David A. and W. H. Hodge:
Running bamboos for hedges..... | 123 | <i>catalinae</i> | 268, 278 |
| Adder's Tongue..... | 284 | Blasdale, Walter C.:
Some Chilean species of <i>Oxalis</i> | 128 | <i>greenei</i> | 268 |
| <i>Adenostoma fasciculatum</i> | 210 | <i>Blueberry</i> | 139 | <i>gunnisonii</i> | 269, 284 |
| <i>sparsifolium</i> | 210 | Books reviewed..... | 101-106
168-172 | <i>howellii</i> | 268, 276 |
| <i>Aesculus californica</i> | 205, 208 | <i>Bottlebrushes like wet feet</i> | 77 | <i>lilacinus</i> | 268 |
| <i>Ajuga</i> | 214 | <i>Bryophyllum</i> | 223 | <i>luteus</i> | 279 |
| <i>Allium cernuum</i> | 89 | <i>Buffalo berry</i> | 145 | <i>citrinus</i> | 268, 277 |
| <i>Amaryllis</i> , Growing in the South..... | 180 | <i>Bugle</i> | 214 | <i>macrocarpus</i> | 269 |
| <i>Amelanchier alnifolia</i> | 143 | <i>Bulbs, Corms, and Tubers, Standards for</i> | 173 | <i>maweanus major</i> | 268, 273 |
| var. 'Success'..... | 143 | Californian flowering shrubs, some..... | 202 | <i>roseus</i> | 268, 274 |
| <i>canadensis</i> | 89 | <i>Callistemon amoenus</i> | 80 | <i>nitidus</i> | 269, 282 |
| <i>florida</i> | 89 | <i>brachyanrus</i> | 77 | <i>plummerae</i> | 269 |
| <i>Anapodophyllum</i> | 154 | <i>citrinus</i> | <i>f63, 77, 80</i> | <i>pulchellus</i> | 268, 272 |
| <i>Anemone oregana</i> | 88 | <i>splendens</i> | 81 | <i>purpurascens</i> | 269 |
| <i>quinquefolia</i> | 88 | <i>hortensis</i> | 80 | <i>venustus</i> | 269 |
| <i>Arctostaphylos uva-ursi</i> | 89 | <i>laevis</i> | 81 | <i>rosy lilac form</i> | 281 |
| <i>Argemone platyceras</i> | 203 | <i>lilacinus</i> | 80 | <i>white form</i> | 280 |
| <i>Arisaema triphyllum</i> | 157, 157 | <i>carmina</i> | 80 | Carleton, R. Milton:
Seed germination..... | 83 |
| <i>Armeria maritima</i> | 90 | <i>linearis</i> | 80 | <i>Carpenteria californica</i> | 203 |
| <i>Aruncus sylvestris</i> | | <i>paludosus</i> | 82 | <i>Carpinus caroliniana</i> | |
| var. <i>acuminatus</i> | 89 | <i>phoenicis</i> | 77 | var. <i>ascendens</i> | 111 |
| <i>Asarum</i> | 214 | <i>pinifolius</i> | 78 | <i>Castanopsis</i> | |
| <i>caudatum</i> | 89 | <i>viridis</i> | 78 | <i>sempervirens</i> | 208 |
| <i>Asimina trilobata</i> | 141 | <i>rigidus</i> | 82, 82 | <i>chrysophylla</i> var. <i>minor</i> | 207 |
| <i>Atriplex canescens</i> | 207, 210 | <i>rugulosus</i> | 81, 82 | <i>Castilleja angustifolia</i> | 89 |
| <i>Avalanche lily</i> | 284 | <i>salignus</i> | 78, 79 | <i>dixonii</i> | 90 |
| <i>Azalea "Emperor"</i> | 179 | <i>speciosus</i> | 78, 82 | <i>Centaurium</i> | 213 |
| <i>Azaleas, native</i> | 116, 117 | <i>viminalis</i> | 80, 82 | <i>Cerastium arvense</i> | 89 |
| | | <i>violacea</i> | 80 | <i>Cerdana alliadora</i> | 160 |
| Bailey, L. H.:
The joy of growing plants..... | 191 | | | Certificate, Membership..... | 166, 167 |
| Bamboos for hedges, running..... | 123 | | | Chadwick, L. C.:
Fundamentals of pruning..... | 107 |
| <i>Bambusa multiplex</i> | 123 | | | Chaenomeles lagenaria..... | 149 |
| | | | | Charming, but forgotten plants:
Clematis..... | 163 |
| | | | | Duchesnia..... | 66 |
| | | | | Chemise lily..... | 284 |

- Cherries 146, 147, 148
 Cistus laurifolius 206
 Clematis 163
 Clement, Annie Lee R.:
 Trilliums 259
 Coleman, S. D.:
 Coleman's native
 azalea trail 116
 Collinsia pusilla 89
 Columnae crassifolia
 correct name for
 C. stenophylla 109
 Coralbells 216
 Cordia abyssinica 162
 alliodora 159, 160
 angiocarpa 162
 boissieri 161, 162
 dentata 160
 dodecandra 160
 holsti 160
 leucosebestena 162
 lutea 162
 nitida 161
 obliqua 161
 sebestena 159, 160
 superba var. elliptica 162
 Cornus canadensis 157
 Cotyledon orbiculata 243
 Cover Illustrations Tree
 Peony 'Nishikono-shi
 tone' Jan.
 Lilium candidum April
 Cordia sebestena July
 Franklinia alatamaha Oct.
 Cranberry 144
 Currant 149
 Cypripedium reginae 157

 Daffodil
 breeding in
 South Carolina 93
 de-anthered seed
 parent 94
 fertilized seed pod 95
 germinated seed 96
 mature seed 95
 pollinating 94
 various crosses 97
 DeBevoise, Florens:
 Lewisia 256
 Dendromecon rigida 203
 Dentaria tenella 88
 Dicentra formosa 89
 Diospyros virginiana 139
 Disporum smithi 88
 Dog's tooth violet 284
 Dutch Iris, provisional
 notes 113

 Elaeagnus multiflora 149
 Elderberry 143
 Enchiridion isagogicum 158
 Erigeron glaucum 90
 Eriophyllum lanata 89

 Erythrina herbacea 112
 Erythronium albidum 286
 americanum 286
 californicum 287
 'White Beauty' 287
 citrinum 287
 dens-canis 286
 giganteum 286, 289
 grandiflorum 284, 286
 var. album 286
 hartwegii 287
 hendersonii 287
 howellii 287
 johnsonii 289
 mesachoreum 286
 montanum 284, 287
 parviflorum 286
 propullans 286
 purdyi 287, 288, 291
 purpurascens 286, 287
 robustum 286
 revolutum 88, 286, 290
 johnsonii 289
 'Pink Beauty' 288
 praecox 289
 tuolumnensis 286
 watsonii 289
 Erythroniums 284
 Self sown 285
 Eupatorium coelistrinum 156
 purpureum 156
 urticaefolium 156

 Fawn lily 284
 Filling, Walter J.:
 Engrosser of Mem-
 bership certificate 166
 Fouquieria splendens 203
 Franklinia alatamaha
 249, 251, Oct. Cover
 var. 'Far Country' 255
 Franklin's tree 249
 Fremontia californica 203, 206
 var. mexicana 204, 206
 Fruits, minor 139

 Gardeners' Pocketbook
 107-122, 173-185
 Gardens for the blind 63
 Gaultheria shallon 87
 Geiger tree and its rela-
 tives in Florida 159
 Gentle art of weeding 193
 Goodyera decipens 88
 Gordonia pubescens 254
 Growing Amaryllis in
 the South 180

 Hardiness in hollies 185
 Heartleaf 214
 Hedera 214
 Hedges, running bam-
 boos for 123
 Hedychium
 gardnerianum 199

 Helianthus tuberosus 157
 Henry, Mary G.:
 The Stewartias 218
 Heuchera pubescens 216
 sanquinea 216
 Hexastylis arifolia 214, 215
 shuttleworthi 215
 virginica 215
 Hodge, W. H. and
 David A. Bisset:
 Running bamboos
 for hedges 123
 Hollies, hardiness in 185
 Holodiscus discolor 90
 Hope, Claude:
 Kalanchoes for the
 window garden 222
 Hydrophyllon morini 155
 Hydrophyllum
 virginianum 155

 Iris, Dutch, named
 varieties 114, 115
 sibirica 199
 tenax 88
 tingitana 114
 Isomeris arborea 208, 210
 Ixia viridiflora 176
 Ixias and Sparaxis 176

 Jenkins, Charles F.:
 Franklin's tree 249
 Joy of growing plants 191
 Juneberry 143

 Kalanchoe 223
 antanosiana 235
 aromatica 222, 225
 beharensis
 224, 225, 227, 235, 243
 blossfeldiana 226, 227, 229
 bracteata
 227, 228, 229, 233, 235
 crenata
 229, 230, 238, 241, 247
 flammea 229, 231, 233, 247
 flammea x
 K. teretifolia 246
 gentyi 241
 globulifera
 var. coccinea 227
 gomphyophylla 233
 grandiflora 235
 laciniata 229, 241, 248
 hildebrandtii 232, 233, 235
 kewensis 248
 longiflora 233, 238
 macrantha 235
 marmorata 233, 234, 235
 in flower 236
 nadyae 227
 orgyalis 223, 235, 237, 244
 pilosa 243
 rotundifolia 238, 240
 sexangularis 238, 239

somaliensis	233, 235	Michelia fuscata	112	Collections:	
spathulata	240, 241, 242, 248	Mimulus decorus	90	Private	54, 21
species	240	guttata	89	Public	55 2, 5
synsepala	241, 244	Minor fruits	139	Conclusions	48
thyrsiflora	243	Mist propagation for the		Culture	27
tomentosa	225, 243, 245	amateur horticulturist	150	Dealers	52, 53
velutina	244, 246	Montia sibirica	88	Diseases	45
welwitschii	247, 248	Morin, Pierre	154	Explorers	52
Kalanchoes for the win-		Rene	154	Growers	55
dow garden	222	Morrison, B. Y.:		History:	
Kirk, E. Buckner:		Acacia farnesiana	112	Chinese type	8
The Lily	67	An old Azalea 'Em-		Delavay group	21
Kitchingia	223	peror'	179	Japanese type	16
mandrakensis	227	Dutch Iris, provisional		Importers	53
Kniphofia coralais	100	notes	113	Introducers	52
for your garden	99	Erythrina herbacea	112	Introduction	1
macowani	100	Ixia and Sparaxis	176	Names, check list	56
multiflora	100	Notes on Calochortus	266	Nurseries	55
northia	100	Oranges as Decora-		Nurserymen	52
uvaria	100	tions	182	Originators	52
Krause, Erik Hans:		Morton, Jr., Mrs. W. D.:		Pests	45
Charming, but forgot-		Growing Amaryllis in		Propagation:	
ten plants:		the South	180	Cuttings	32
Clematis	163	Morus alba	148	Divisions	25
Duchesnia indica	66	nigra	149	Grafts	33
Franklinia alatama-		rubra	149	Layers	30
ha	Oct. Cover	Mulberry	148, 149	Seeds	40
Lemperge, Fritz:		Narcissus 'Gladys		Propagators	55
Roscoea	199	Meadows'	97	References	51
Lewisia	256	'Sunbeater'	97	Species	5
columbiana	258	(See also Daffodils)		Peony, tree	
rosea	257	Neglected native plants	211	'Age of Gold'	27
cotyledon	258	Nicotiana glauca	209, 210	Ranksi	8
finchii	258	Notes on		'Chromatella'	24
howelli	256, 258	Calochortus	266	'Dokushin-den'	30
leana	258	Oranges as decorations	182	'Eclairer'	10
oppositifolia	258	Oregon Coast in Bloom	87	'Hana-no-mikado'	14
rediviva	257, 258	Orobanche minor	88	'Harvest'	9
rupicola	89	Oxalis adenophylla		'Hatsu-garashu'	36
Lilium auratum	73	129, 134, 137		'Hesperus'	9, 33
canadidum	67, April Cover	braziliensis	132, 132	'Kansenden'	32
columbianum	87	carnosa	136, 136	'Kasumi-no-mori'	14
longiflorum	74	cernua	130	'Kintagio'	31
philadelphicum	75	enneaphylla	129, 134, 136	'Kokirin'	49
superbum	75	floribunda	131	'Nishiki-no-shitone'	Jan. Cover
tenuifolium	269	gigantea	136, 138	'Shuchiuka'	15
Lilv Madonna	67	lobata	129, 132, 132, 137	'Tama-fuyo'	37, 39
The	67	oregana	89	Periwinkle	214
Linnea borealis	157	pes capral	130	Persimmon	139
Lysichitum americanum	88	rosea	130	Petasites speciosa	88
Maianthemum bifolium	88	some Chilean species		Phyllostachys aurea	123
Matilija poppy	202	of	128	aureosulcata	123
Mattoon, H. Gleason:		valdiviensis	128, 131, 137	meyeri	123, 124, 125
Hardiness in Hollies	185	Pachysandra, Japanese	211	nigra	123
Medlar	149	mountain	211	purpurata	123
Melaleuca genistifolia	79	procumbens	211, 212	Plum, beach	148
Membership certificate	166, 167	terminalis	211	Podophyllum peltatum	154
Menninger, Edwin A.:		Papaw	141	Polemonium carneum	68
The Geiger tree and		Penstemon diffusus	89	Post, Philip M.:	
its relatives in Flor-		Peonies, Tree	1-61	The Oregon coast in	
ida	159	Bibliography	51	bloom	87
Mespilus germanica	149	Botany	4	Propagation, mist	150
				Pruning, the fundamen-	
				tals of	107
				Prunus besseyi	146
				japonica	148
				maritima	148
				pumila	147

tomentosa	147	Seed germination	83	Trientalis americana.....	157
Psedera quinquefolia.....	183	Semiarundinaria		Trillium album	265
Pseudosasa japonica 123, 127		fastuosa	123, 126, 127	catesbaei	262, 265
Purdy, Carl:		Shepherdia argentea.....	145	cernuum	264, 265
Erythroniums	284	Sherwoodia	217	discolor	263, 265
Purshia	210	Shortia galacifolia.....	217, 217	erectum	260, 261
Pursuit of the vine	183	Sidalcea hendersoni.....	90	grandiflorum	157, 265
Quercus vaccinifolia	208	Silene oraria	89	hugeri	260, 263, 265
Quinces, Japanese	149	Sisyrinchium bellum	89	luteum	260, 263, 265
Recent advances in Horticulture:		Slate, George L.:		ovatum	88
Near conquest of Rose		Minor fruits	139	pusillum	259
pests	164	Slavin, Bernard:		sessile	259, 263, 265
Water	90	A new upright form		simile	261, 262
Rhus radicans	183	of Carpinus caroliniana		stylosum	265
toxicodendron	183	liniana	111	underwoodii	259
Ribes odoratum	149	Smilacina racemosa.....	89	undulatum	261, 262, 265
Robertson, Mrs. Ben M.:		Some California flowering shrubs	202	vaseyi	259, 265
Daffodil Breeding in		Some Chilean species of		Trillius	206
South Carolina.....	93	Oxalis	128	Trout lilies	284
Rock geraniums	216	Some of Pierre Morin's		Tsuga canadensis	250
Romneya coulteri	202, 203	American plants.....	154	Use of simple outdoor frames for rooting summer cuttings	118
var. trichocalyx	203	Sparaxis, Ixias and	176	Viburnum opulus	145
Roscoea	199	Star lily	284	trilobum	144
cautileooides	199, 201	Stewartia koreana.....	221, 221	varieties	145
humana	199, 200	malocodendron	219, 220	Vinca	214
purpurea	200	monadelphina	220	Viola glabella	88
puppurea	199	pentagyna	219, 220, 220, 221	nephrophylla	89
sikkimensis	200	grandiflora	219	Vitis	184
Rose 'Circus'	115	pseudocamellia	218, 220	Warner, Marjorie F.:	
gentian	213	Steyermark, Julia A.:		Pursuit of the vine	183
pests	164	Columnae crassifolia—		Some of Pierre Morin's American	
Rosse, Allianora:		the correct name for		plants	154
Artist for April cover	100	Columnae stenophylla	109	Water	90
Rowntree, Lester:		Stoutemeyer, Vernon T.:		Weeding, The gentle art of	193
Berzelia linguinosa	179	The use of simple outdoor frames for rooting of summer cuttings	118	Weiss, Freeman A.:	
Lotus mascaensis 113, 113		Strong, Caroline B.:		Recent advances in horticulture near conquest of rose pests.....	164
Some Californian flowering shrubs	202	Gardens for the blind	63	Water	90
Running bamboos for hedges	123	Styrax occidentalis.....	206	Wherry, E. T.:	
Sabatia angularis	213, 214	officinalis	206	Neglected native plants	211
Sambucus canadensis	143	Synthyris rotundifolia	87	Willis, Jack:	
coerulea	144	Tellima odorata	88	Designer for covers	61
Sanguinaria canadensis	156	Templeton, Jewel W.:		Wister, John C. & Harold E. Wolfe:	
Saxifraga cotyledon	258	Mist propagation for the amateur horticulturist	150	The Tree Peonies	1
Schulz, Peggie:		The tree peonies	1	Wolfe, Harold C. & John C. Wister:	
Kniphofia for your garden	99	Thomas, Robert:		The Tree Peonies	1
Seal of the Society	166, 166	Artist for seal of AHS	166		
Sedum ternatum	260	Tiarella trifoliata	89		